

Title (en)

An articulated pipe discharge ramp and a method for laying a pipeline.

Title (de)

Rohr-Verlegegelenkrampe und Verfahren zum Verlegen einer Pipeline.

Title (fr)

Rampe articulée pour la décharge de tuyau et méthode pour la pose d'un pipe-line.

Publication

EP 0094698 A1 19831123 (EN)

Application

EP 83200499 A 19830408

Priority

US 37959482 A 19820519

Abstract (en)

[origin: US4472079A] An articulated stinger attachable to a pipelaying vessel and constructed of a plurality of elongated multi-leg segments arranged in end-to-end relationship and interconnected by flexible joints. Each flexible joint is comprised of at least three components: two sockets, each in abutting ends of the multi-leg segments, and a socket-filling member. The stinger may be arranged inclined to the horizontal as in conventional pipelaying practice, or vertically for J-method pipelaying. A resilient element may be carried within the sockets to yieldably restrain relative movement between the socket and the socket-filling member.

IPC 1-7

F16L 1/04; **F16L 27/00**

IPC 8 full level

F16L 1/12 (2006.01); **F16L 1/18** (2006.01); **F16L 1/19** (2006.01); **F16L 1/20** (2006.01); **F16L 1/225** (2006.01)

CPC (source: EP US)

F16L 1/18 (2013.01 - EP US); **F16L 1/19** (2013.01 - EP US); **F16L 1/225** (2013.01 - EP US); **Y10T 403/32032** (2015.01 - EP US); **Y10T 403/32057** (2015.01 - EP US)

Citation (search report)

- GB 1582116 A 19801231 - BROWN & ROOT
- GB 1479905 A 19770713 - SAIPEM SPA
- DE 2831732 A1 19790628 - SAIPEM SPA
- GB 2019976 A 19791107 - PETROLES CIE FRANCAISE
- US 4236738 A 19801202 - POOT MARTINUS
- DE 736447 C 19430617 - FRANZ VON HENNET

Cited by

GB2321290A; GB2321290B; EP2583890A1; US8992124B2

Designated contracting state (EPC)

FR GB IT NL

DOCDB simple family (publication)

EP 0094698 A1 19831123; **EP 0094698 B1 19851016**; AU 1460483 A 19831124; AU 553986 B2 19860731; CA 1202791 A 19860408; DZ 542 A1 20040913; ES 522475 A0 19841116; ES 8501324 A1 19841116; IE 54320 B1 19890816; IE 831150 L 19831119; JP H0340271 B2 19910618; JP S58217882 A 19831217; NO 158592 B 19880627; NO 158592 C 19881005; NO 831742 L 19831121; US 4472079 A 19840918

DOCDB simple family (application)

EP 83200499 A 19830408; AU 1460483 A 19830517; CA 425673 A 19830412; DZ 836852 A 19830517; ES 522475 A 19830517; IE 115083 A 19830517; JP 8651583 A 19830517; NO 831742 A 19830516; US 37959482 A 19820519